USGS CMSC FACS OVERVIEW LOG
ACTIVITY ID: 12LGC02

TOPIC	INFORMATION
USGS ACTIVITY ID:	12LGC02
OTHER ID (IF ANY):	N/A
ORGANIZATION(S)/PROGRAM:	USGS SPCMSC
PROJECT/THEME:	LIDAR ground control
AREA OF OPERATION:	Chandeleur Islands, La.
PRINCIPAL INVESTIGATOR(S):	Hilary Stockdon
INFORMATION SPECIALIST(S):	B.J. Reynolds, Nancy DeWitt
ACTIVITY TYPE:	Pre-lidar ground truth and collection of GPS ground control data.
SCIENTIFIC PURPOSE/GOALS:	GPS support and ground control for lidar survey in response to Hurricane Isaac.
PLATFORM:	private vessel
STARTING DATE:	9/4/2012
STARTING PORT:	Biloxi, Miss.
ENDING DATE:	9/14/2012
ENDING PORT:	Biloxi, Miss.
EQUIPMENT USED:	Ashtech Z-Extreme GPS receivers with Ashtech Marine and Thales choke ring antennae, SECO collapsible tripod, Garmin handheld GPS, digital camera
INFORMATION TO BE DERIVED:	Raw GPS data on known location for differential correction. Topographic coordinates are WGS84 for ground truthing.
SUMMARY OF ACTIVITY AND DATA GATHERED:	In addition to ground control GPS data, 12 surface sediment grab samples were collected near FAN 12BIM01 site G16, and 10 sediment push cores were collected at FAN 12BIM01 back-barrier marsh and tidal flat sites. The sediment cores were reassigned to FAN 12BIM05.
STAFF:	B.J. Reynolds, Nancy DeWitt, Kyle Kelso (USGS)
NOTES:	FACS logs generated by J. Bernier from handwritten logs and field notes.